ABIGAIL SYLVIE

PASSIONATE ABOUT AI, CLOUD, AND SCALABLE SOLUTIONS

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Portfolio:https://abigailsylvie.github.io/My_Portfolio_Website/ |

SUMMARY

AI/ML student with hands-on experience in deep learning, cloud computing (AWS), and cybersecurity. Built and deployed production-level applications using FastAPI, AWS EC2, Lambda, EventBridge, and Django. Passionate about applying AI to real-world challenges and empowering women in technology through mentorship and community leadership.

EDUCATION

Bachelor of Technology in AI & Machine Learning
- I.K. Gujral Punjab Technical University, India | Sep 2022 – Aug 2026
- Relevant Coursework: Cloud Computing, AI/ML, Deep Learning, Data Structures & Algorithms

SKILLS

AWS Cloud Computing	Leadership	AI/ML	Cybersecurity

PROJECTS

Breast Cancer Prediction Model (AWS EC2 + FastAPI)
- Developed a machine-learning model for early breast cancer Prediction and deployed it using FastAPI on AWS EC2.

Network Vulnerability Scanner (Django Web App)
- Built a Django-based scanner detecting open ports, outdated services, and CVEs. Supports secure digital infrastructure, an essential requirement in government systems.

API Management System (AWS ECS + API Gateway)
- Containerized and deployed a scalable API solution demonstrating cloud-native architecture skills suitable for national-level digital services.

LEADERSHIP & COMMUNITY

Co-founder, AfriTechElles
- Leading a pan-African women-in-tech community, mentoring members, organizing initiatives, and driving strategic growth.

Cloud Computing Team Lead Geek-Ssters
- Leading technical learning circles, designing cloud upskilling pathways, supporting junior members.

PROFESSIONAL EXPERIENCE

- Conducted log analysis, anomaly detection, threat hunting, and network traffic monitoring as a SOC Analyst Intern at CFSS
- Built a Network Vulnerability Scanner using Django, detecting high-risk vulnerabilities and recommending remediation steps as Cybersecurity Intern at CCSRF

ADDITIONAL INFORMATION

- **Languages:** English, French.
- **Certifications:** AWS cloud Practioner, GitHub Foundations certificat,Cloud AWS Cloud,Cisco Cybersecurity Essentials,Cisco Endpoint Security,Generative AI Practitioner (AWS Cloud Quest)